

Nov. 1965

PERSONNEL - Recruitment

Senior computer people available at a price. OCS had to fit its available higher slots to required talents. The competition salary-wise made it difficult to get the candidates desired.

During a November 1965 recruitment trip to California, Mr. Becker found the market for computer programmers empty. He had previously expressed the policy to be followed with regard to the Intel Community raiding one another's computer staffs--i.e., that agreement be reached ~~to~~ with NSA and DIA that they would not do so.

STAT He therefore asked [] OCS Admin Officer, to ~~make~~ develop a plan for setting up and running an ADP school in Washington, where college graduates recruited for OCS work could be trained while they awaited their clearances.

Thus, they could be offered prompt employment, They could get training in an avant-garde computer environmt The school would provide a pool of talent as required throughout the Agency, and Mr. Becker felt future needs were not going to be adequately met by direct recruitment.

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CENTRALIZATION VS. DECENTRALIZATION OF ADP

DRAFT - 15 Nov 65

SUBJ: Agency Policy on Automatic Data Processing (ADP)

1. Agency policy favors use of computer techniques wherever they can be applied effectively in support of the Agency's missions. Punched card and computing services already touch all components of the Agency. During the next decade a considerably enlarged role for the computing function is certain to occur. Effective development and management of this expanding element of the Agency's work is of great importance.

2. It is the Agency's long-term policy to consolidate ADP equipment centers, to standardize ADP methods, and to acquire and develop the best possible ADP skills. Rapid advances in technology and in the capacity of single computer systems, the growing costs of these systems, the scarcity of computer personnel, and the rising pressures within the Executive Department to improve internal management of ADP resources have all contributed to the need for supporting this Agency policy.

STAT 3. In regard to existing facilities for the near term, the computer center in RID and the computer center in NPIC will not be centralized but will remain under the direct command of the Directorates concerned. It is recognized, however, that future technological developments may dictate alteration of this structure.

4. All other current and future automatic data processing activities are placed under the Director of the Office of Computer Services. The implementation of the policies contained in this notice is his responsibility.

5. In addition to his operating responsibilities, the Director of Computer Services is designated the Agency's senior ADP staff officer. In this capacity, he serves the DCI by: (1) being fully knowledgeable of all Agency ADP activities; (2) developing the Agency's long-range ADP plan; (3) promoting and establishing suitable Agency ADP standards; (4) reviewing all ADP funding and budgetary requests; (5) representing the Agency on ADP matters; and (6) recommending suitable courses of action to the Director for strengthening Agency ADP organization and development.

H. Knoche

Spec. Asst. to DDCI

Nov 65

OCS Support for Management Information System

15 Nov 1965, Wheelon Memo to DD/S (DD/S&T-5232-65) S advised DD/S that OCS had appointed a Project Mgr to guide OCS effort in support of management information processing improvement program. OCS will become more actively involved in design and programming tasks. Concurrently, OCS launching a 2½ year conversion program to new hardware and software capabilities which will strengthen ability to support MIS.

Wheelon said he intended to support the program with manpower, machines, and money as necessary for the success of the program.

Aug 1966
DCI approved
IPRD set-up-

18
XX November 1965

ORD Analysis Division people met with OCS to discuss plans for their R&D Analysis Laboratory and their computer needs:

PDP-1 to be installed as interim device.

360-40 as soon as possible

IBM 1800 as soon as possible

A [] for speech processing (later)

Special signal processing equipmt (later)

Becker said workloads should be defined in order to justify the proposed equipment.

[] could not be specific since workloads could only be measured in terms of changing laboratory problems related to the areas of investigation.

Types of work expected to be undertaken:

Opns Research
Man-Machine Processing
Text-Language-Documentary Processes
Visual-Graphic-Optical Processes
Speech-Audio-Waveform Processes
Pattern Recognition

Adaptive Processes
Self Organizing Processes
Automata Processes

Unanswered questions by OCS people related to how the Analysis Division's plans ~~in~~ related to OCS Analog-Digital Laboratory Device; ALP system, and Commo's remote console (man/machine) system?

COMMITTEES

22 Nov 1965

Establishment of a Computation Panel

Two panels now approved

DD/S memo of 10 Nov 65 to Paul Borel approved a separate DD/I Information Sciences Panel.

The other a CIA Computation Panel to cover wider and more general fields of automatic data processing (per Col. White)

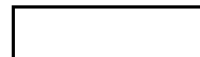
Probably DD/S&T should establish the Computation Panel.

Will it have Agency-wide scope?
Who will be action/control point?

Col. White should answer these questions.

BEFORE initiation Computation Panel - DCI must clarify CIA ADP policy (draft statements now in process of consideration in O/DCI).

Clearly until ADP policy clarified no panel of advisors can be effectively employed; it is the function of CIA management's judgment, not of outside consultants.



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Memo to AD/CS, 22 Nov 65, C

ADP standardiz ation

DCI letter to Secty Connor of Commerce 26 Nov 1965

agreed with recommendation that Federal Agencies adopt a standard code for communications and ADP.

Said CIA plans acquisition of ADP equipment compatible with ASCII standards (American Standard Code for Information Interchange).

However felt there should be an interim period for conversion compatible with replacement schedules already in effect.

TRAINING Nov 1965

OCS assigned staff members to attend telemetry training program being developed by FMSAC. (10 wk course)

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ALP System

Acceptance/Operational

30 Nov 1965 Mr. Becker wrote to Dir of Research IBM Computer Center, Yorktown Heights, N.Y. to say that the ALP System passed its acceptance tests and was approved for operation as of 18 October 1965. The degree by which the system surpassed acceptance thresholds was considered a real tribute to the skills and effort of the personnel involved.

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OCS - R&D

OCS Working Paper of 29 Nov 1965

Said that OCS had not viewed any of its projects to date as R&D since its staff and contractor supported efforts had been geared to present ADP state of the art and were aimed at implementing operational computer support services. Some ongoing activities relating to developmental efforts might be categorized as R&D -

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[redacted] construction of Analog/Digital
7965-66 laboratory device for use in OCS with 360
equipment on various waveform analysis probs

ALP - IBM - rental of special hardware and general I/O
7966-67 components to test MT/Steno effectiveness on
operational problems

On-Line Lab [redacted] contract testing effectiveness of
7966-67 on-line control console (with CRT) opns
on proposed applications.

ADOCs - [redacted] to develop an Automatic
7966 Documentation System for flow charting
computer programs.

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OCS PERSONNEL

26 Nov 1965, Memo

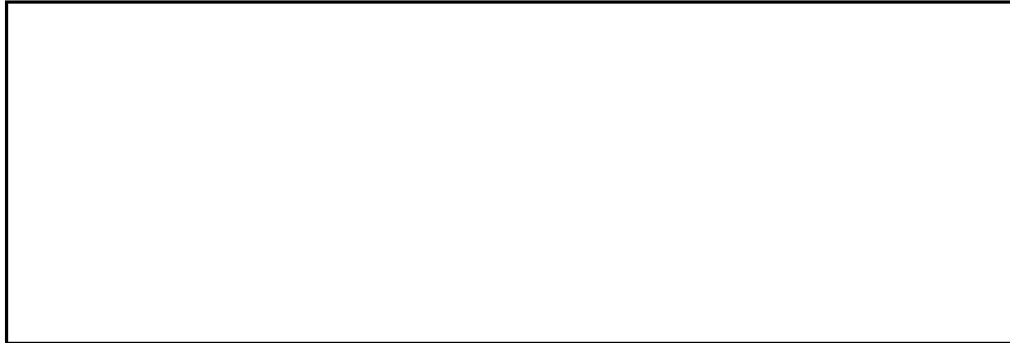
from J.B.

Mr. Becker discussed computer programming personnel in DD/S&T with the S&T Office Directors in ~~Nx~~ late 1965 just before the FY 1967 budget hearings. The consensus was that OCS should build a strong cadre of pure scientific programmers with the understanding that substantive personnel in the other Offices may also acquire computer programming skill, but only as an "add-on" responsibility.

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Being organized in Nov. 1965

TRAINING



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SHIFT WORK

*Becker o/p 4 Nov 1965
memo to [unclear]
Done [unclear] [unclear]*

The principal problem is that there are not enough qualified personnel for all functions (systems analysts, programmers, coders, operators, key punch operators, etc.) to satisfy the exploding requirements. Most computer orgs operate their equipment over extra shifts; those who do not operate shift work would surely have an advantage in operator recruitment since most people simply do not want to work shift work.